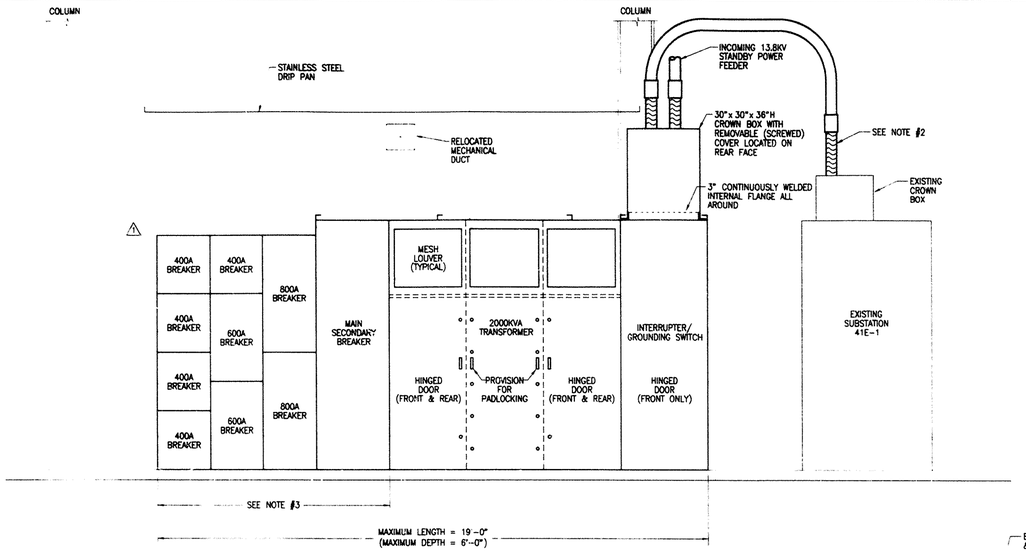
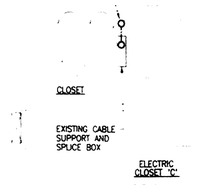


ELEVATION B-B

0 2 4
SCALE IN FEET

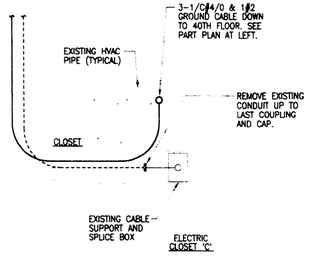
3-1/C#4/0 & 1#2 GROUND CABLE UP TO 42ND FLOOR. SEE PART PLAN AT RIGHT



PART PLAN – 40TH FLOOR

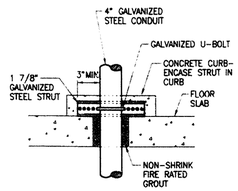
0 4 8
SCALE IN FEET

3-1/C#4/0 & 1#2 GROUND CABLE DOWN TO 40TH FLOOR. SEE PART PLAN AT LEFT.



PART PLAN – 42ND FLOOR

0 4 8
SCALE IN FEET

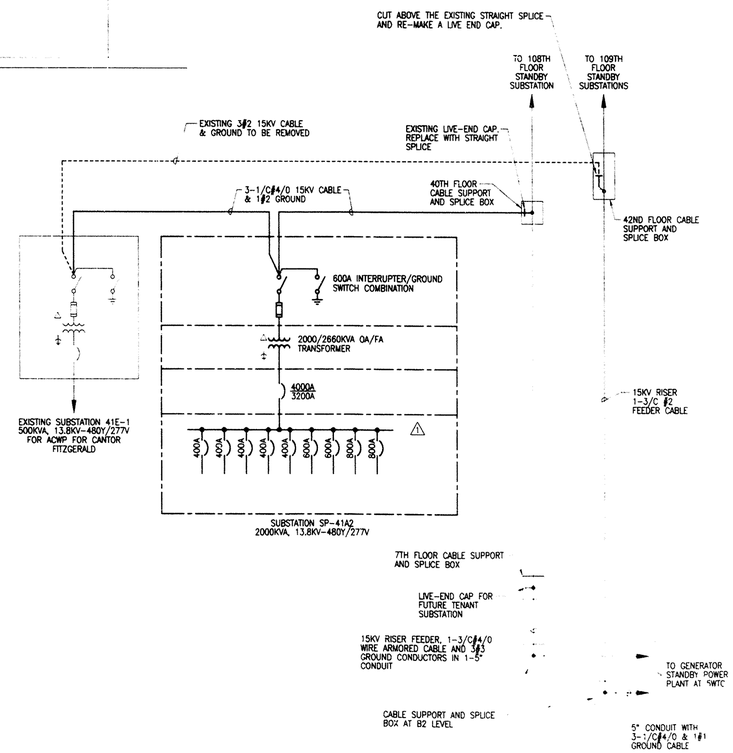


DETAIL 'A' TYPICAL FLOOR PENETRATION

NOT TO SCALE

NOTES

1. FOR LEGEND AND GENERAL NOTES SEE CONTRACT DRAWING E-1.
2. FINAL CONNECTIONS TO SWITCHGEAR SHALL BE MADE WITH LIQUID TIGHT FLEXIBLE CONDUIT.
3. SECONDARY MAIN BREAKER AND ALL SECONDARY LOAD BREAKERS SHALL BE PAD-LOCKABLE IN BOTH THE OPEN AND CLOSED POSITIONS.
4. PROVIDE SUPPLEMENTAL SWITCHBOARD WITH LOAD BREAKERS AS REQUIRED BY THE AUTHORITY. THIS WORK WILL BE COMPENSATED FOR UNDER THE NET COST PROVISION OF THIS CONTRACT.



STANDBY POWER RISER DIAGRAM

Sheet 6 of 16

THE PORT AUTHORITY OF NY & NJ

ORIGINAL SIGNED BY JERROLD DINKELS
ENGINEERING PROGRAM MANAGER
WORLD TRADE

ORIGINAL SIGNED BY JACK BUCHSBAUM
CHIEF ELECTRICAL ENGINEER

No.	Date	Revision	Approved
2	1-2-01	AS BID	
1	1-26-01	ADDENDUM No.1	A.S

ENGINEERING DEPARTMENT

WORLD TRADE CENTER

ELECTRICAL

Title

TENANT STAND-BY POWER SYSTEM SUBSTATIONS SP-41A2, SP-7B

SUBSTATION SP-41A2 ELEVATIONS DETAILS AND ONE LINE DIAGRAM

This drawing subject to conditions in contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

Designed by	Drawn by	Checked by
AVENOSO	AVENOSO	A.SENIOR

Date DECEMBER 8, 2000

Contract Number WTC-945.083

Drawing Number E3

FILE NAME N:\WTC-945.083\...\Working Drawings\WTC-945.083 E3.1 41st detl R01.dwg plotted on 2/28/2001 by DAVENOSO